

A34759
(Sheet 1 of 10)

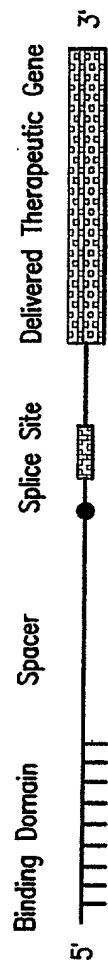


FIG.1A

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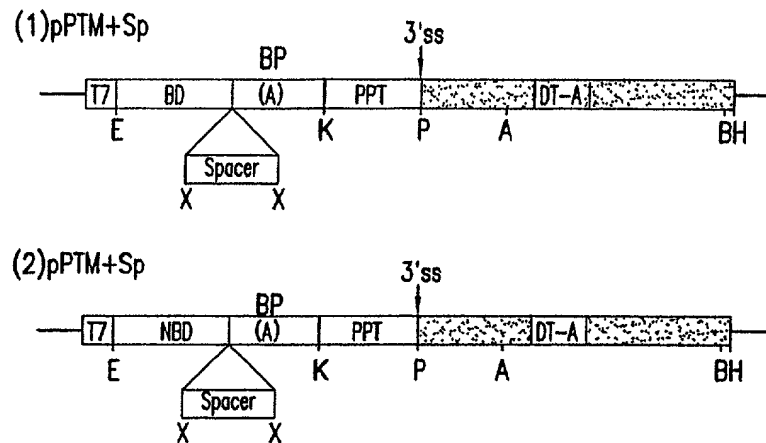


FIG.1B

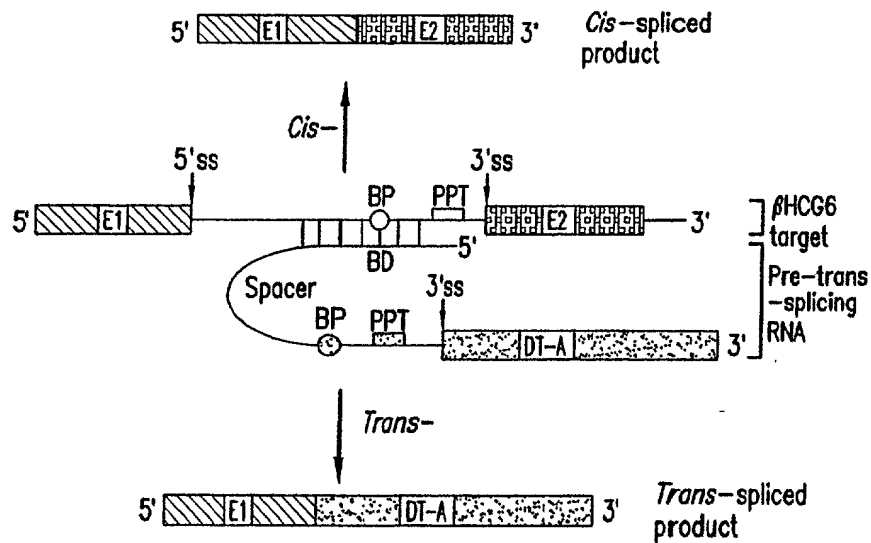


FIG.1C

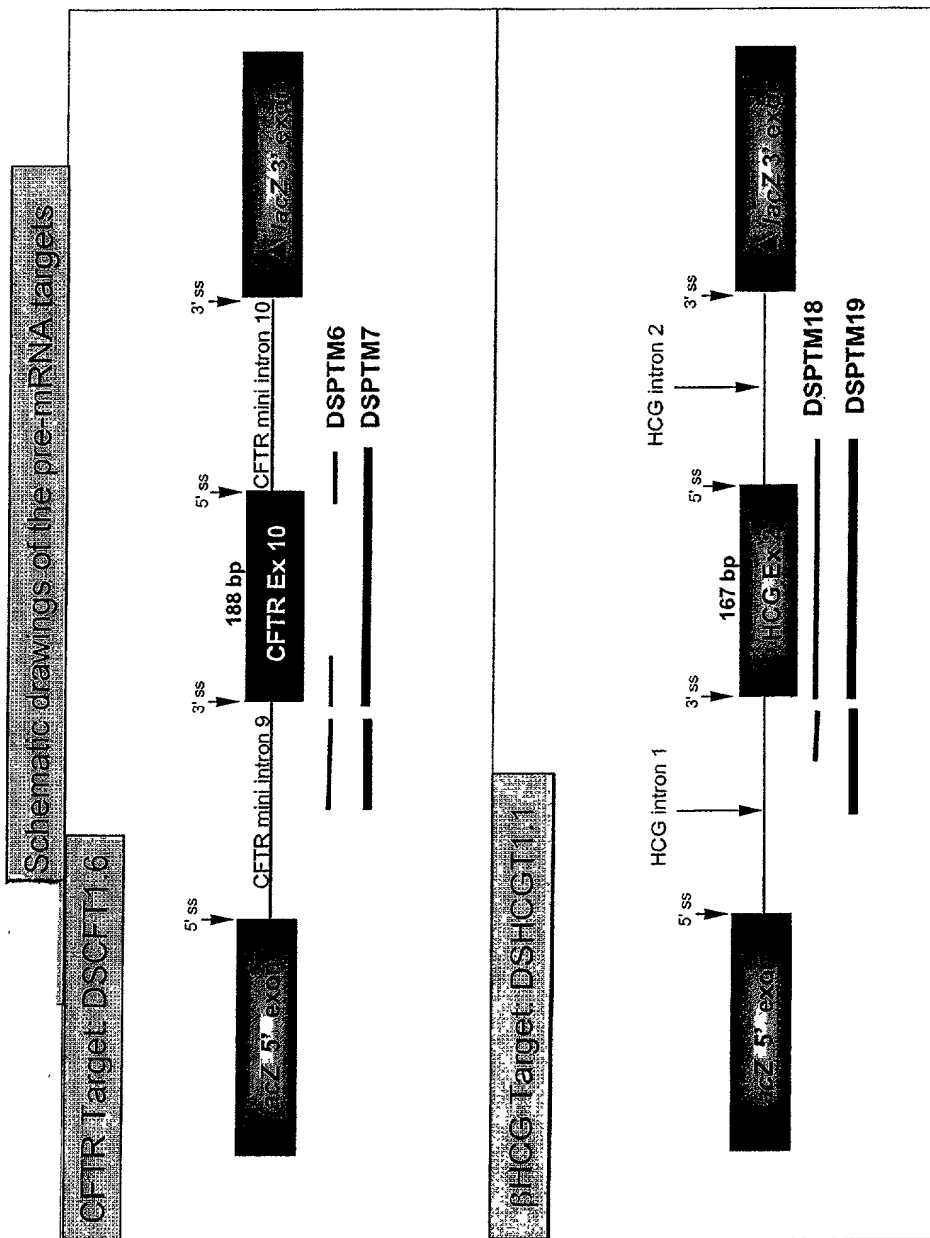


Figure 2

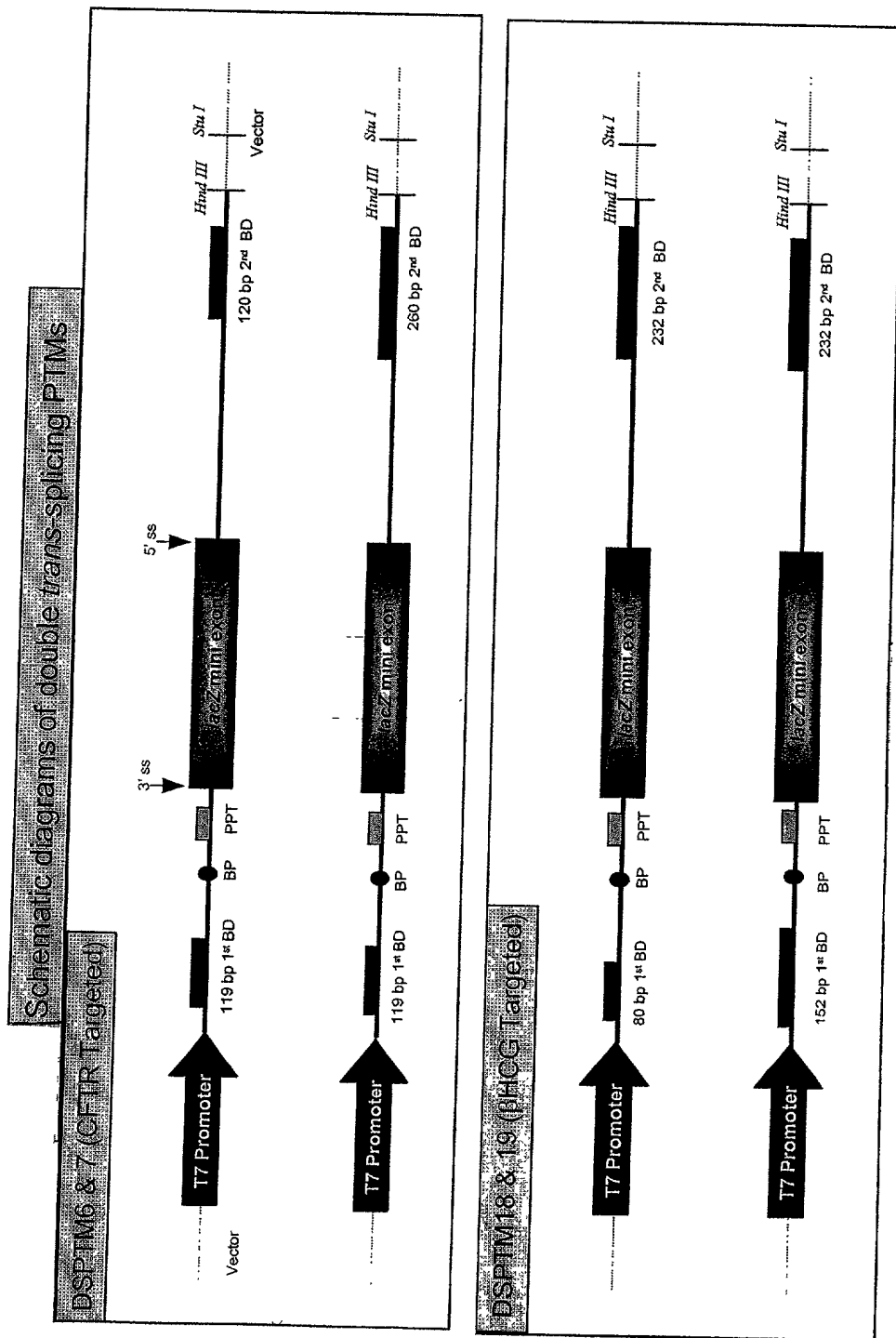


Figure 3

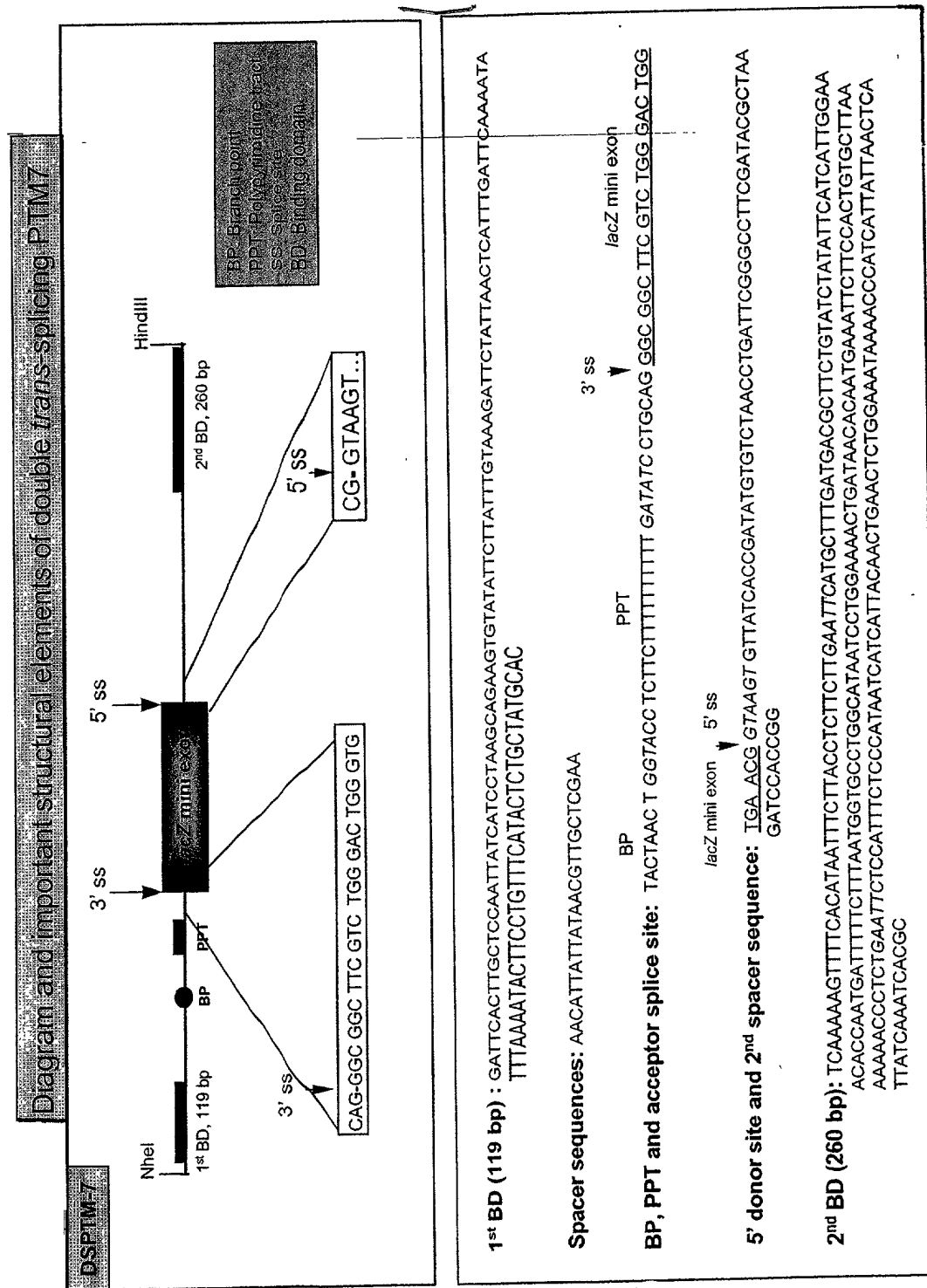
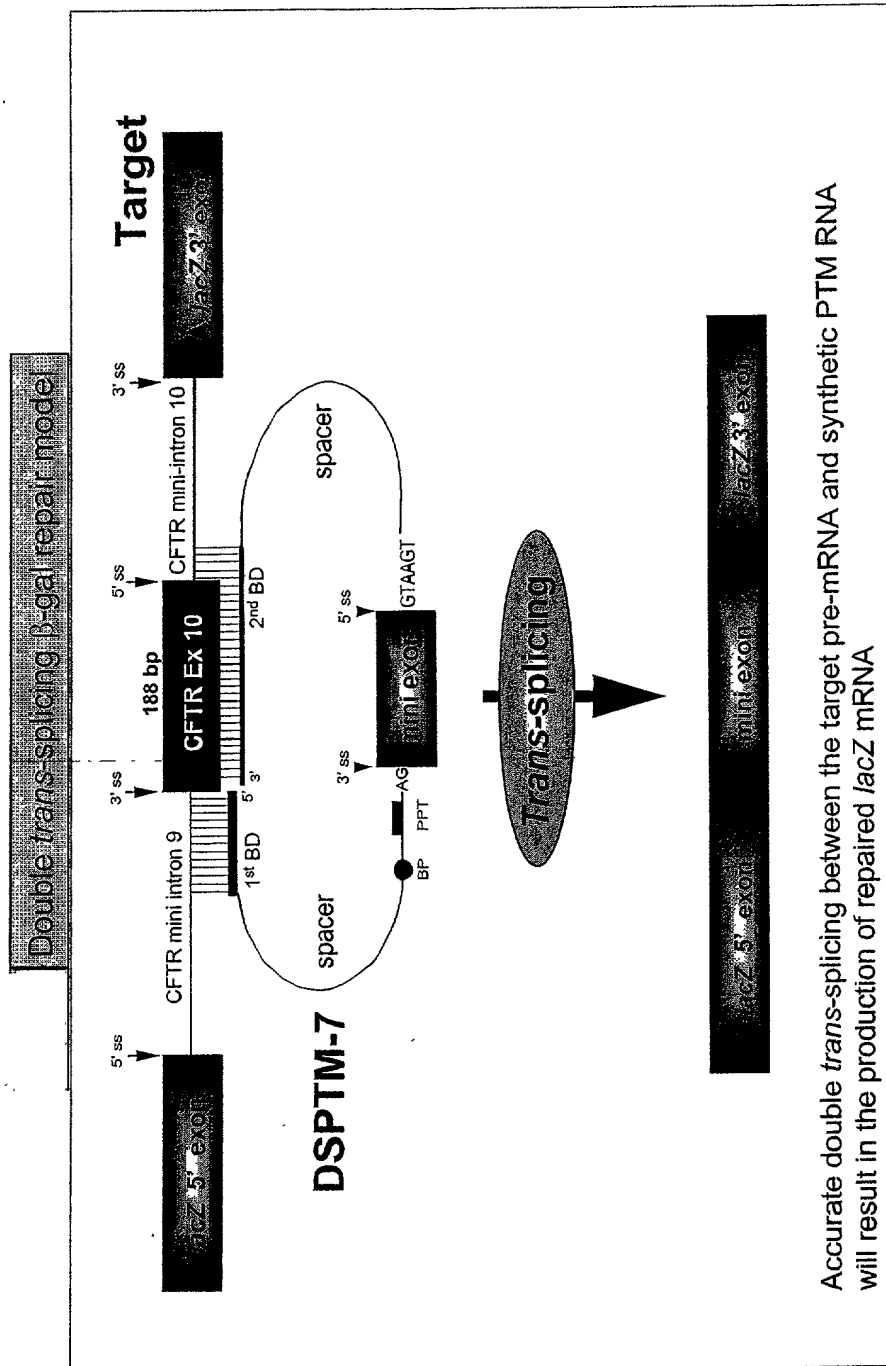


Figure 4

Figure 5



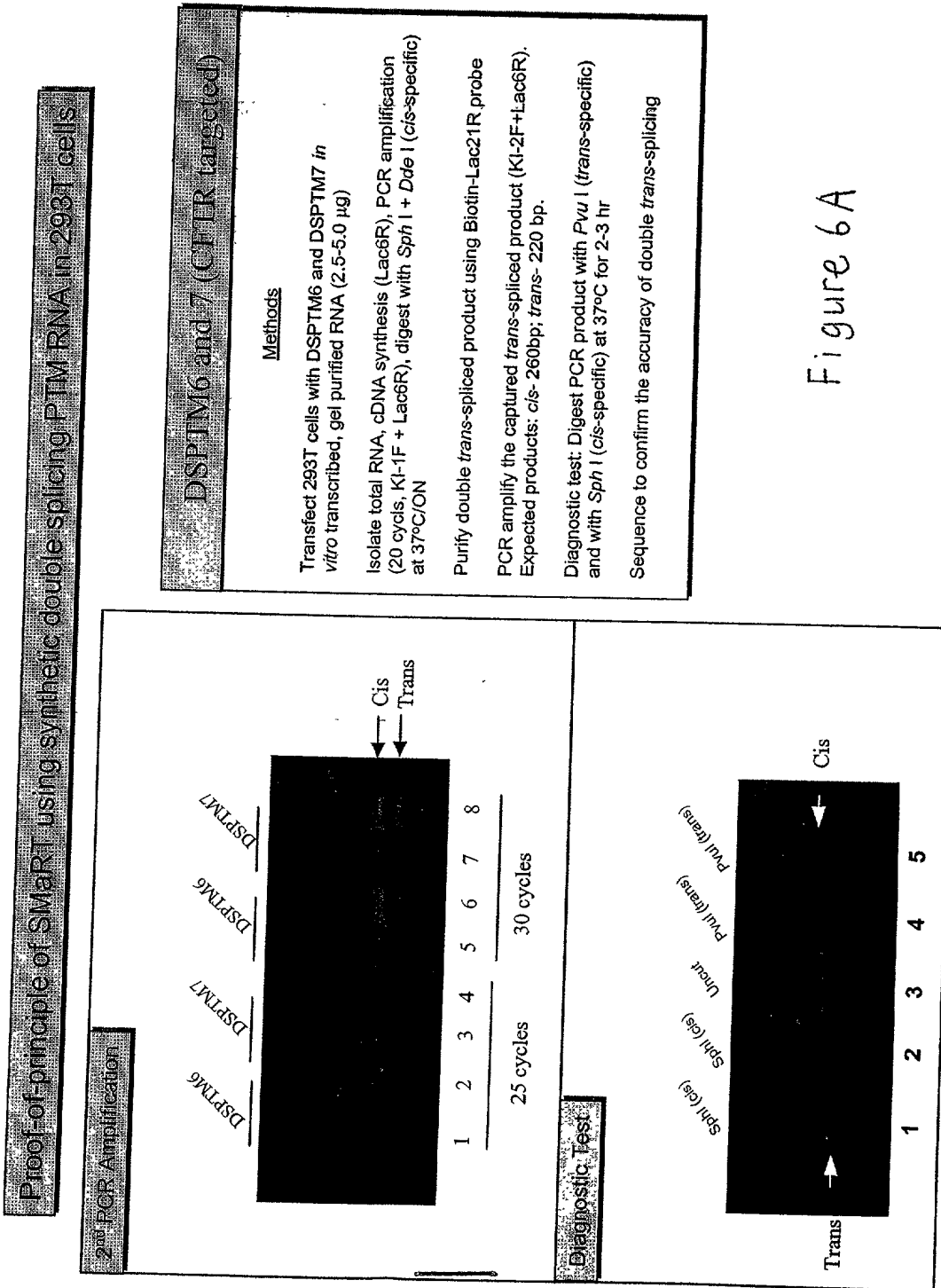


Figure 6A

Proof-of-principle of SMaRT using synthetic double splicing PTM RNA in stable cells

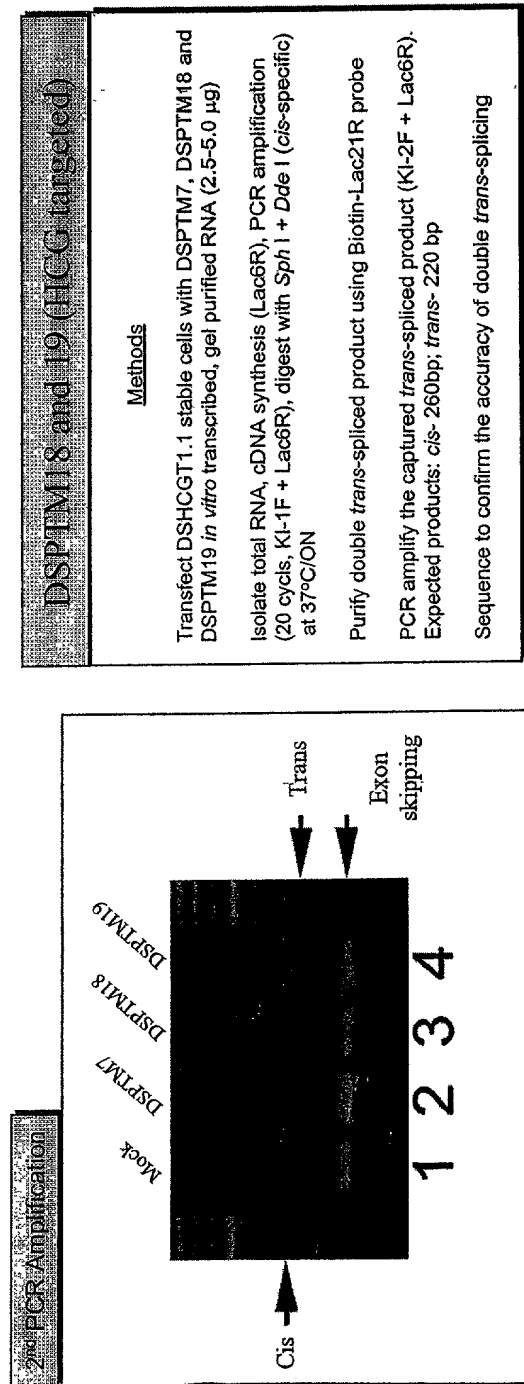


Figure 6B

Accuracy of double *trans*-splicing of synthetic PTM RNA in 293T cells

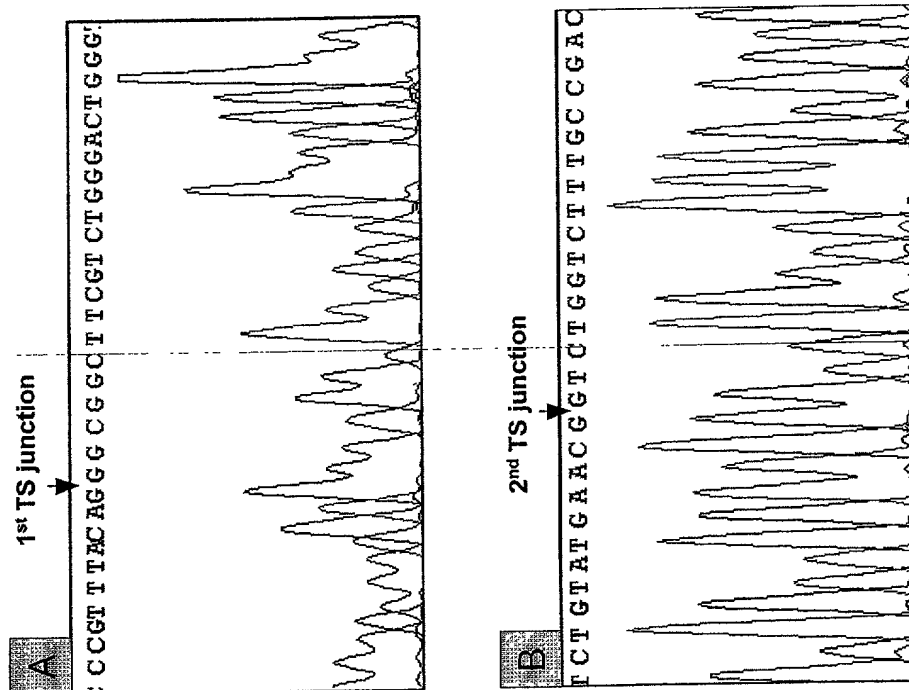


Figure 6C

Restoration of β -gal function through RNA transfection in 293T cells
(Proof-of-concept for SMART RNA Therapeutics!!)
Synthetic RNA: Double trans-splicing

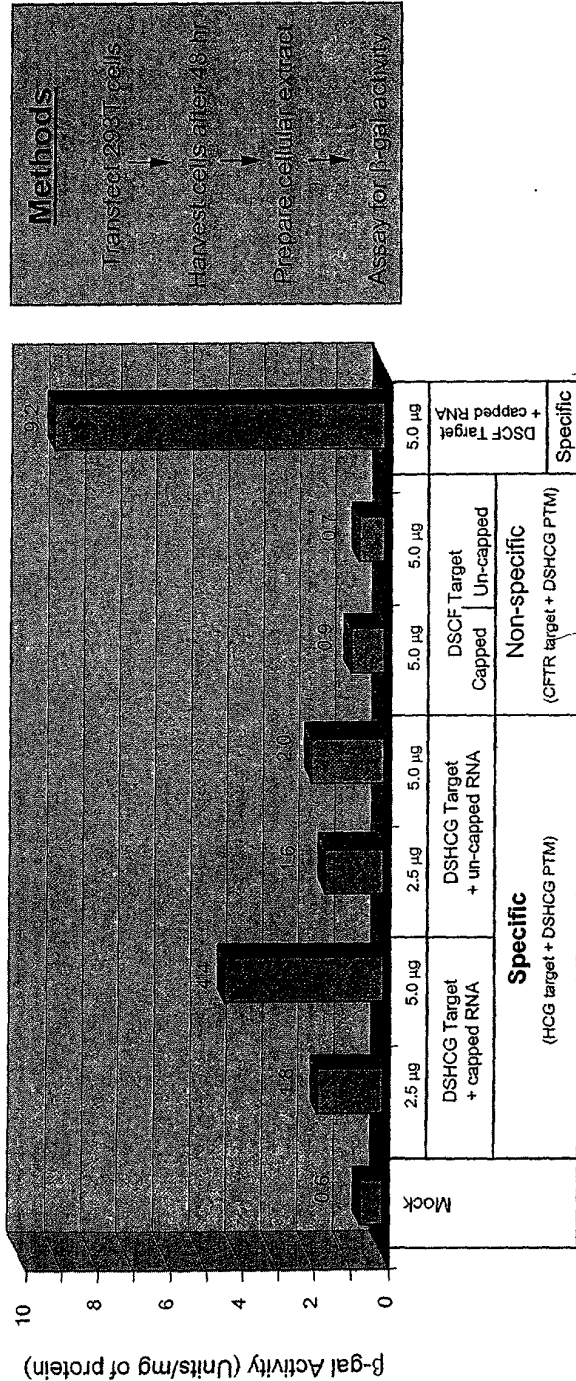


Figure 7